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TI N-Methyl-2-pyrrolidinone

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From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1978, 55(30),  
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AB The title substance was prepd. by electrolytic redn. of

N-methylsuccinimide (50-320 g/L) using a diaphragm and a Pb cathode  
(gtoreq.99.999% purity which is mech. cleaned and then oxidized with  
10-6-10-1 A/cm<sup>2</sup> d. const. anodic current) in a 15-75% H<sub>2</sub>SO<sub>4</sub> soln. at  
(-5)-(+70).degree. and 0.05-0.98 A/cm<sup>2</sup> c.d. The yield was increased and  
the process simplified by reducing with a nonmetallic anode consisting of  
graphite, glassy carbon or silicographite using a cation-exchange  
diaphragm.

IC C07D207-26

DT Patent

LA Russian